

## § 51.1005

at which time the area is again required to submit such plans.

### § 51.1005 One-year extensions of the attainment date.

(a) Pursuant to section 172(a)(2)(C)(ii) of the Act, a State with an area that fails to attain the PM<sub>2.5</sub> NAAQS by its attainment date may apply for an initial 1-year attainment date extension if the State has complied with all requirements and commitments pertaining to the area in the applicable implementation plan, and:

(1) For an area that violates the annual PM<sub>2.5</sub> NAAQS as of its attainment date, the annual average concentration for the most recent year at each monitor is 15.0 µg/m<sup>3</sup> or less (calculated according to the data analysis requirements in 40 CFR part 50, appendix N).

(2) For an area that violates the 24-hour PM<sub>2.5</sub> NAAQS as of its attainment date, the 98th percentile concentration for the most recent year at each monitor is 65 µg/m<sup>3</sup> or less (calculated according to the data analysis requirements in 40 CFR part 50, appendix N).

(b) An area that fails to attain the PM<sub>2.5</sub> NAAQS after receiving a 1-year attainment date extension may apply for a second 1-year attainment date extension pursuant to section 172(a)(2)(C)(ii) if the State has complied with all requirements and commitments pertaining to the area in the applicable implementation plan, and:

(1) For an area that violates the annual PM<sub>2.5</sub> NAAQS as of its attainment date, the two-year average of annual average concentrations at each monitor, based on the first extension year and the previous year, is 15.0 µg/m<sup>3</sup> or less (calculated according to the data analysis requirements in 40 CFR part 50, appendix N).

(2) For an area that violates the 24-hour PM<sub>2.5</sub> NAAQS as of its attainment date, the two-year average of annual 98th percentile concentrations at each monitor, based on the first extension year and the previous year, is 65 µg/m<sup>3</sup> or less (calculated according to the data analysis requirements in 40 CFR part 50, appendix N).

## 40 CFR Ch. I (7–1–10 Edition)

### § 51.1006 Redesignation to nonattainment following initial designations for the PM<sub>2.5</sub> NAAQS.

Any area that is initially designated “attainment/unclassifiable” for the PM<sub>2.5</sub> NAAQS may be subsequently redesignated to nonattainment if ambient air quality data in future years indicate that such a redesignation is appropriate. For any such area that is redesignated to nonattainment for the PM<sub>2.5</sub> NAAQS, any absolute, fixed date that is applicable in connection with the requirements of this part is extended by a period of time equal to the length of time between the effective date of the initial designation for the PM<sub>2.5</sub> NAAQS and the effective date of redesignation, except as otherwise provided in this subpart.

### § 51.1007 Attainment demonstration and modeling requirements.

(a) For any area designated as nonattainment for the PM<sub>2.5</sub> NAAQS, the State must submit an attainment demonstration showing that the area will attain the annual and 24-hour standards as expeditiously as practicable. The demonstration must meet the requirements of § 51.112 and Appendix W of this part and must include inventory data, modeling results, and emission reduction analyses on which the State has based its projected attainment date. The attainment date justified by the demonstration must be consistent with the requirements of § 51.1004(a). The modeled strategies must be consistent with requirements in § 51.1009 for RFP and in § 51.1010 for RACT and RACM. The attainment demonstration and supporting air quality modeling should be consistent with EPA’s PM<sub>2.5</sub> modeling guidance.

(b) *Required time frame for obtaining emissions reductions.* For each nonattainment area, the State implementation plan must provide for implementation of all control measures needed for attainment as expeditiously as practicable, but no later than the beginning of the year prior to the attainment date. Consistent with section 172(c)(1) of the Act, the plan must provide for implementation of all RACM and RACT as expeditiously as practicable. The plan also must include RFP milestones in accordance with